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Certificate of Analysis

Product 78695 - Catalase (CAT) (Type 2) ex. Bovine Liver,
2000-5000U/mg protein - [9001-05-2]

Batch No 7772529
Analysis Date 20-Jan-2024
Date of Manufacture January 2024
Expiry Date/Re-Test Date January 2029

Test Parameters	Standards	Actual Results
Appearance (Colour)	Dark green to reddish brown	Greenish brown
Appearance (Form)	Lyophilized powder	Lyophilized powder
Activity	2000 - 5000U/mg protein	3291 U/mg protein
Protein content	min. 55%	70%
Unit Definition	One unit will decompose 1.0 micromole of hydrogen peroxide per minute at pH 7.0 at 25 °C., while the hydrogen peroxide concentration falls from 10.3 to 9.2 mM measured by the rate of decrease of absorbance at 240 nm..	Conforms
Enzyme solution for activity determination	Prepared in 0.05 M potassium phosphate buffer, pH 7.0	Conforms

FRM/82/11/4/78695 Rev No. 3 Date 01/01/2023

Prepared by Dhanashree

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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